General Aviation

Requirements

Requirement ID: 797   Status Category: Completed
Requirement

Sponsor Organization: ACE   Sponsor POC: Frank Bick

Keywords: Attention/Mental Models/Cognition, General Aviation Pilots
(GA), Performance (meas/imprv)

Title: Priorities, organization, and sources of information accessed by pilots
in various phases of flight.

Research Statement:
Develop a systematic analysis of the information required by pilots in
various phases of flight. To specify what information is needed, when it is
needed, and how pilots conceive of the organization of the information.

Background:
Validate the Schvaneveldt et al. (2000) model that determines the effect of
changes in the airspace system by providing baseline information about
what information pilots need and when they need it.Schvaneveldt, R.,
Beringer, D.B., Lamonica, J., Tucker, R., and Nance, C: Priorities (2000).
Organization, and sources of information accessed by pilots in various
phases of flight. Civil Aviation Medical Institute (Report # DOT/FAA AM-
00-26), Oklahoma City, OK.

Output:
report

Regulatory Link: